

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-19 (Canceled).

Claim 20 (Previously Presented): A ceramic heater comprising a ceramic substrate
and a temperature control means,

wherein

the number of pores with a diameter of 0.5 μm or more obtained by surface
measurement of said ceramic substrate with a microscope is 1×10^8 to 15×10^{11} per m^2 .

Claim 21 (Currently Amended): The ceramic heater according to Claim 20,
wherein said ceramic ~~substrate~~ substrate has a thickness of 1 to 25 mm.

Claim 22 (Canceled).

Claim 23 (Previously Presented): The ceramic heater according to Claim 20,
wherein said temperature control means is a Peltier device.

Claim 24 (Previously Presented): The ceramic heater according to Claim 20,
wherein said temperature control means is arranged inside of said ceramic substrate.

Claim 25 (Previously Presented): The ceramic heater according to Claim 20,
wherein said ceramic substrate comprises an electrostatic electrode.

Claim 26 (Previously Presented): The ceramic heater according to Claim 20, wherein a chuck top conductor layer is formed on the surface of said ceramic substrate.

Claim 27 (Previously Presented): The ceramic heater according to Claim 20, wherein said ceramic substrate contains carbon.

Claim 28 (Previously Presented): The ceramic heater according to Claim 20, wherein said ceramic substrate comprises an oxide ceramic.

Claim 29 (Currently Amended): The ceramic heater according to Claim 20, wherein said ceramic substrate comprises a non-oxide ceramic containing 0.1 to 20 % by weight of oxygen.

Claim 30 (Previously Presented): The ceramic heater according to Claim 20, which is used to heat a semiconductor wafer.

Claim 31 (Canceled).

DISCUSSION OF THE AMENDMENT

Claim 21 has been amended to correct a typographical error. Claim 22 has been canceled. Claim 29 has been amended, as supported in the specification at page 10, lines 8-14. Finally, Claim 31 has been canceled.

No new matter is believed to have been added by the above amendment. Claims 20, 21 and 23-30 are now pending in the application.